



Take the Leap to Modernization

Transform your ETL, Analytics, and Data Warehouse to a Cloud-native Stack



What's Stopping Your Teams?

Business Disruption

- Will the end user experience be impacted?
- Will our day-to-day operations continue to run smoothly?

Lack of Expertise

- Do we have the specialized skills needed for the transition?
- Will we need an army of engineers?

An Incomplete View

- Migrating SQL is one thing. But what about all my queries, applications, business logic, etc.?

Costs and ROI

- Will we be able to forecast our cloud spend or will the costs spiral?
- What about my existing investments?

Migration Strategy

- Should I migrate my workloads as-is or go for total re-engineering?
- Is there a middle path?



Navigating the Complexities of Workload Migration

Addressing Major Migration Challenges

Challenge

Solution

Handling native data warehouse properties at the schema level

Create a custom implementation
Identify gaps related to ETL-native functions, libraries, and adapters

Auto-transforming code and complex business logic

Choose a tool that automates the conversion of complex scripts and business logic, and packages it back with the orchestration scripts to create production-ready jobs.

Meeting performance SLAs

Optimize your workloads and infrastructure for optimal price-performance ratio

Addressing Major Migration Challenges

Challenge

Solution

Handling technical debt

Modularize the architecture to avoid technical debt
Identify workload dependencies at the process and data level

Ensuring application performance and validation

Ensure automated validation of each use case on live datasets

Ensuring end-to-end operationalization

Choose a tool that provides a target-specific executable package for target-native, optimized orchestration, productionalization, and go live

Key Considerations for Transforming ETL, Analytics, and Data Warehouses

- Ensure proprietary elements like BTEQs are mapped properly and are performant on the target
- Create a risk mitigation strategy considering any potential downtime
- Consider all workloads, including DML scripts, orchestrator scripts, analytics scripts and reporting queries
- Validate the complex analytics scripts to ensure they are target equivalent



Four Paths to Modernization



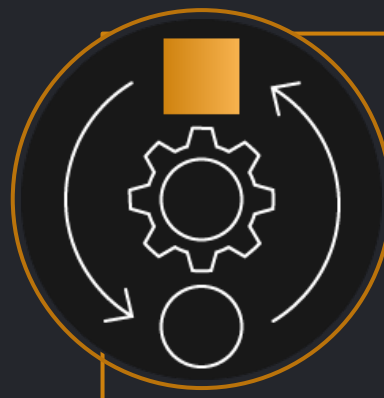
Start afresh in the cloud




Build a modernization solution in-house



Migrate manually



Adopt automation for end-to-end transformation



Automation: The
Smartest Path to
a **Cloud-native**
Future



Best Practices of Automation

Enforce a Data-driven Approach

- Analyze key utilization metrics of all workloads to take informed decisions
- Devise a phased transformation strategy
- Strategize your offload program to realize immediate ROI, savings, and leverage the underlying benefits of the cloud



Bucket Workloads into Logical Units

75% of legacy data workloads **can be migrated as-is** with intelligent schema transformation automation

15% workloads might require **additional optimization** because of certain anti-patterns or absence of direct equivalent in the target environment

10% workloads require **complete re-engineering** based on target nuances or for better resource-consumption patterns on the target

Reuse Existing Investments

- Devise a strategy for reusing legacy code like analytics, and DML, ETL, orchestrator & reporting scripts
- Choose a tool that helps eliminate technical debt while on-the-go through optimization of anti-patterns etc.
- Optimize cost-performance ratio on the target through efficient capacity planning



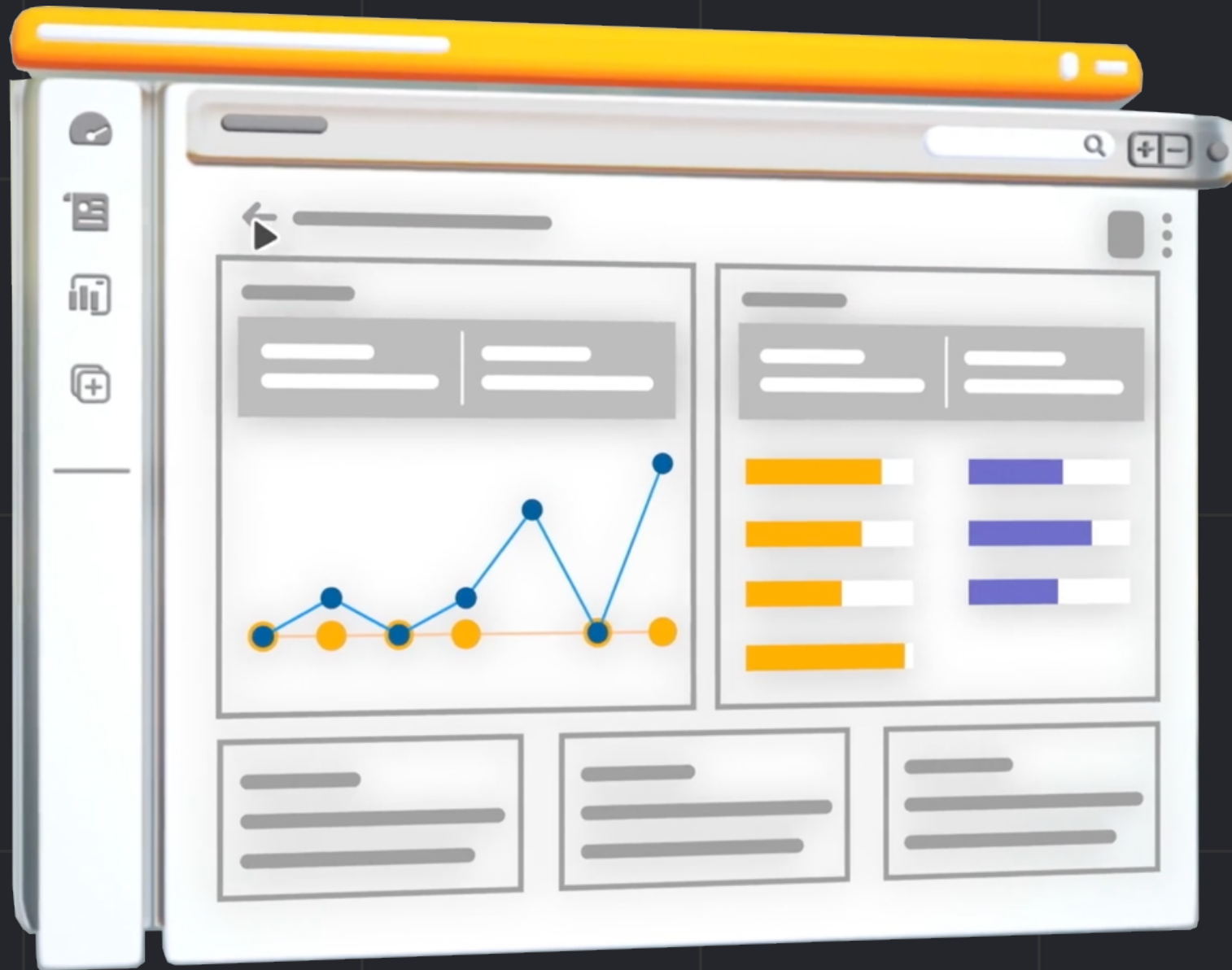
Ensure Operational and Performance Efficiency on the Target

- Perform operations as code to limit human error and ensure consistent responses to events
- Make frequent changes in small increments that can be reversed if they fail to resolve issues
- As your workloads evolve, your procedures should evolve appropriately
- Test your failure scenarios at regular intervals to avoid any disruption
- Learn from all operational failures



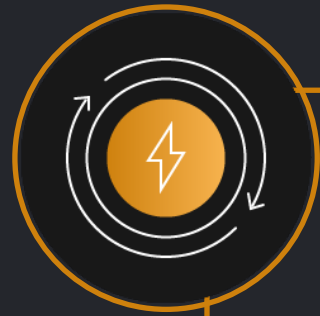
Find Ways to Maximize ROI

- Create a fine balance between migrating as-is, optimizing, and total re-engineering
 - Design a fluid, scalable, and elastic architecture
 - Design an optimized schema for faster data retrieval
 - Automatically transform and certify code that performs optimally on the chosen target
 - Execute the transformed workloads in parallel for performance
 - Provide target-specific optimization settings to ensure an optimum price-performance ratio
-



Automated Transformation with LeapLogic

Why LeapLogic



4x faster



2x cheaper



100% optimization to meet SLAs



Near-zero risk in migration



Up to 95% automation



Investment in business logic preserved



What you see is what you get –Transformed

How it Works



Assessment

Analyzes all workloads, profiles code, identifies dependencies, and provides actionable recommendations



Transformation

Enables end-to-end transformation, including core business logic to target-native equivalents



Validation

Validates and certifies the migrated code before it is transitioned into production



Operationalization

Ensures end-to-end operationalization, DevOps setup, CI/CD processes, and integration with third-party tools and services

End-to-end Modernization of ETL, Analytics, and Data Warehouse



Automated

- Pre-migration impact assessment (PMIA)
- Complete audit of people, processes, and technology



Proven

- Optimized transformation of diverse workloads
- Repeatable, extensible frameworks
- Proven across industries and use cases
- Best practices and guidelines for new platform



Fast and reliable

- Automated conversion of complex workloads
- Data migration with velocity, reliability, and consistency

End-to-end Modernization of ETL, Analytics, and Data Warehouse



Data-driven

- Actionable insights for data-driven modernization
- Architecture recommendations
- Optimization and operationalization by leveraging new platform capabilities



Verified and packaged

- Workload dependency analysis
- End-to-end validation and target-specific executable packaging for orchestration
- Safeguard optimal price-performance ratio through capacity planning and parallel execution



Mitigate risk

- Reduced migration cost and risk with an effective offload strategy
- Optimal end-to-end migration plan and workload prioritization for a risk-free migration
- Reduced time-to-market (TTM)

Proven with **Top Companies** Across Industries

30% performance
improvement by converting
Netezza and Informatica to
Azure-Databricks stack
[-Read more-](#)

20% SLA
improvement by modernizing
Teradata workloads
[-Read more-](#)

50% cost and time
savings when transforming
Informatica workflows and
Oracle EDW to AWS
[-Read more-](#)



Leave Fears Behind and **Take the Leap**

Thank you

[Launch free trial](#)

[Book a demo](#)

